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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No. : 10/817,227  
Applicants : BLAMEY, ET AL.  
Filed : APRIL 2, 2004  
Title : ADAPTIVE DYNAMIC RANGE OF OPTIMISATION SOUND  
PROCESSOR

Art Unit : TO BE ASSIGNED  
Examiner : TO BE ASSIGNED

Atty Docket No. : COCH-0029-US2

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The below-identified communication(s) is (are) submitted in the above-captioned application or proceeding:

- ☒ Supplemental Information Disclosure Statement w/Form 1449 and references
- ☒ The Commissioner is hereby authorized to charge payment of any fees associated with this communication, including fees under 37 C.F.R. §§ 1.16 and 1.17 or credit any overpayment to **Deposit Account Number 10-0233-COCH-0029-US2**.

Respectfully submitted,

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(703) 591-2664

August 26, 2004



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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. §§ 1.51(b), 1.56, 1.97 and 1.98, this Information Disclosure Statement is submitted in the above-identified patent application. A listing of documents to be published on the face of any patent granted from this application is submitted herewith on Form PTO-1449. Any other documents or information submitted for consideration by the Examiner are listed in this paper. A copy of each foreign patent, or each publication or portion thereof listed or herein identified, is submitted herewith, except that a copy of any U.S. patent application identified herein or any patent, publication or other information listed herein cited or submitted in a prior application relied upon for an earlier filing date under 35 U.S.C. § 120 and identified below, is not submitted herewith.

**CERTIFICATION**

This Information Disclosure Statement is submitted within three months of (i) the filing date of the above-identified U.S. National Patent application, or (ii) before the first office action on the merits, or (iii) the date of entry into the U.S. National Stage of the above-identified International Application, or (iv) the date of entry into the U.S. National Stage of the International Application that has been assigned the above-identified U.S. Patent application number, whichever applies.

The Commissioner is hereby authorized to charge payment of any fees associated with this communication, including fees under 37 C.F.R. §§ 1.16 and 1.17 or credit any overpayment to **Deposit Account Number 10-0233-COCH-0029-US2**.

***Serial Number: 10,817,227***

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Respectfully submitted,

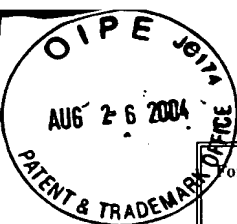


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Form PTO 1449  U.S. Department of Commerce Patent and Trademark Office  Information Disclosure Statement by Applicant	ATTY. DOCKET NUMBER <b>COCH-0029-US2</b>	SERIAL NUMBER <b>10/817,227</b>
	APPLICANT <b>Blamey, et al.</b>	
	FILING DATE <b>April 2, 2004</b>	GROUP <b>To be assigned</b>

## U.S. Patent Documents

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## Foreign Patent Documents

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

	DUNN, et al., "Statistical Measurements on Conversational Speech," <i>J.A.S.A.</i> , January, 1940, Volume 11.
	JAMES, et al., "Adaptive Dynamic Range Optimization for Cochlear Implants: A Preliminary Study," <i>Ear &amp; Hearing</i> , February, 2002.
	BLAMEY, et al., "Monaural and Binaural Loudness Measures in Cochlear Implant Users with Contralateral Residual Hearing," <i>Ear &amp; Hearing</i> , Volume 21, Number 1.
EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant	